



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas A. Dye; Manuel J. Alvarez II; Peter D. Geiger  
Assignee: Quickshift, Inc.  
Title: Selective Lossless, Lossy, Or No Compression Of Data Base On Address Range, Data Type, And/Or Requesting Agent (*As Revised*)  
Serial No.: 09/239,659 Filing Date: 1/29/99  
Examiner: Hong Chong Kim Group Art Unit: 2186  
Docket No.: 40532-P001M4P1 Conf. No.: 6412  
(f/k/a 5143-01700)

Dallas, Texas  
July 25, 2005

Mail Stop Amendment Patents  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NON-FINAL OFFICE ACTION DATED 1/25/05**

**I. INTRODUCTORY COMMENTS**

Dear Sir:

This paper is responsive to the Non-Final Office Action dated January 25, 2005, having a shortened statutory period expiring on April 25, 2005. A petition for a three-month extension of time is included herewith. Further examination and reconsideration are respectfully requested in view of the remarks set forth below.

Further examination is respectfully requested in view of the remarks set forth below.

**Amendments** begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.

**Conclusion** begins on page 6 of this paper.

## II. AMENDMENTS

Please "replace" the Specification, Continuation Data that was filed on January 29, 1999, at page 1, paragraph 1, lines 10-22 as follows:

This application is a continuation-in-part (CIP) of Serial Number 08/916,464, filed on August 8, 1997, and now U.S. Patent Number 6,173,381, issued on January 9, 2001;

which is a continuation-in-part (CIP) of Serial No. 08/463,106, filed on June 5, 1995, now abandoned;

which is a continuation-in-part (CIP) of Serial No. 08/340,667, filed on November 16, 1994, which is now U.S. Patent No. 6,002,411, issued on December 14, 1999.

Please "replace" the Detailed Description of the Preferred Embodiment, Incorporation by Reference that was filed on January 29, 1999, at page 14, paragraph 1, lines 3-18 as follows:

This application is a continuation-in-part (CIP) of Serial Number 08/916,464, filed on August 8, 1997, titled "Memory Controller Including Embedded Data Compression And Decompression Engines," whose inventor is Thomas A. Dye, and now U.S. Patent Number 6,173,381, issued on January 9, 2001;

which is a continuation-in-part (CIP) of Serial No. 08/463,106, filed on June 5, 1995, titled "Memory Controller Including Embedded Data Compression And Decompression Engines," whose inventor is Thomas A. Dye, now abandoned;

which is a continuation-in-part (CIP) of Serial No. 08/340,667, filed on November 16, 1994, titled "Integrated Video And Memory Controller With Data Processing And Graphical Processing Capabilities," whose inventor is Thomas A. Dye, and is now U.S. Patent No. 6,002,411, issued on December 14, 1999.